${\tt CACTCAGACTCAACTTGCTGGGACACTGACAGGCGTTCCTGAGGTTTTCAGCCACTTAGGCTCGTTGCGGTTTAAAGAT}$

 ${\tt CCCTCTAGGTCACTGAGAAATGCCACAGAATGTGCAGGAAGCCTGGGAGGCTTCTGTGAGGAATGTGAGGCACATTATT}$

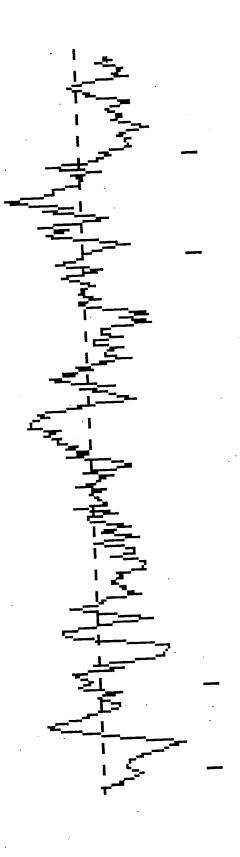


FIGURE 2

SEQ ID NO:4	*->vIGvaGsSGaGKTtvarrivsifgregvpaagiEGnpDsNtgdsflr +IGv G+ ++GK+tv ++i +++g+ v +++1+	
63	LIGVSGGTASGKSTVCEKIMELLGQNEVEQRQRKVVILS	2
	ldrfymdlhledrkragnkhysffsPeAndFDLLyevfkeLkeGksvdkP drfy++l++e+++ a + +y+f+ P A+d DL+ +++k+ eGk+v++P	
113	QDRFYKVLTAEQKAKALKGQYNFDHPDAFDNDLMHRTLKNIVEGKTVEVP	6
	iYnHvtgerdpdgqePGtFTdwpeliegadvLviEGLHalyDerevNvaq +Y++vt++r p ++ ++++adv+ +EG++ +y +++	
150	TYDFVTHSRLPETTVVYPADVVLFEGILVFYSQEIRD	11
	LlDlkiyvDpdidlelarKiqRDmaeRGhslEgvldsiekrrKPdyvnYI l ++vD+d+d++l+r+ RD+ RG++lE +l ++ +++KP+++ +	
199	MFHLRLFVDTDSDVRLSRRVLRDV-RRGRDLEQILTQYTTFVKPAFEEFC	15
	aPQfsyaDliiqrvptvdtsndFiakiipvrdel<-* P+++yaD+ii+r+ ++ ++++ ++++++ d+l	
	LPTKKYADVIIPRGVDNMVAINLIVQHIQDIL 231	20

154 LRLFVDTXXXXXXXXXXXXXXXXXXXXX - EQILTQYTTFVKPAFEEFCLPTKKYADVIIPR 212 Query: E ++ QY FVKP +E+F PTKKYAD+IIPR L++FVDT 1 LKIFVDTDADVRLIRRIKRDVNERGRDIESVIEQYMKFVKPMYEQFIEPTKKYADIIIPR 60 **SEQ ID NO:5** Sbjct: 213 GVDNMVAINLIVQHIQDILNGDICKWHRGGSNGRSYKRTFSEPGDHPGMLTSGKRSHLES 272 Query: RSYKRTFSEPGDHPG SGKR HLES G DN VAI+LIVQHIQ ILN + H 61 GGDNHVAIDLIVQHIQSILNEGLSSQHTNYMVNRSYKRTFSEPGDHPGYTPSGKRQHLES 120 Sbjct: 273 SSRPH 277 Query: SSRPH 121 SSRPH 125 Sbjct:

FIGURE 4

Query:		LIGVSGGTASGKSTVCEKIMELLGQNEVEQRQRKVVILSQDRFYKVLTAEQKAKALKGQY +IG++GG+ SGK+T+ KI+E+L + Q KVVI+SQD +YK L+ + + Y		SEO ID NO:6
Sbjct:	4	IIGIAGGSGSGKTTIARKIVEMLNKPGQEKVVIISQDNYYKDLSELDMEERKI	<i></i>	52Q 12 110.0
Query:		NFDHPDAFDNDLMHRTLKNIVEGKTVEVPTYDFVTHSRLPETTV-VYPADVVLFEGILVF NFDHPDAFD DL++ LK++ GK+VEVP YDF TH R + TV + PADV++ EGI		
Sbjct:	60	NFDHPDAFDFDLLYEHLKBLKNGKSVEVPIYDFKTHHRRKDETVTIEPADVIILEGIYAL	119	
Query:		YSQEIRDM 151 Y + IRD+	,2	
Sbjct:	120	YDERIRDL 127		

FIGURE 5